

**Replacement Abstract**

Please delete the current Abstract and substitute the following new Abstract therefor:

**ABSTRACT**

A structural component for a device for the treatment of melts, especially of glass melts, having a base body of metal or of a metal alloy and a cooling system in which a cooling medium is led through the structural component for the leading-off of heat. The base body is provided with a coating of a material the decomposition temperature of which lies below the temperature of the melt, and the cooling system is designed and arranged in such manner that the temperature of the boundary layer of the melt that immediately surrounds the structural component lies below the decomposition temperature of the coating material.